

[Designation of Document] Claims

[Claim 1]

A disk device comprising:

a housing;

a disk-shaped recording medium,

a rotating portion which rotates the recording medium,

a head portion which carries out at least any one of recording and reproducing of information to the recording medium,

an actuator portion which supports the head portion and can be turned in a radius direction of the recording medium;

a turning portion which turns the actuator portion so as to dispose the head portion on the recording medium at a desired position,

a first wiring body which is connected to the head portion and the turning portion electrically, and

a second wiring body which is connected to the rotating portion electrically, in the housing; and

a control section, which carries out control of the rotating portion, the head portion and the turning portion, outside the housing,

wherein the first wiring body and the second wiring body are electrically connected in the housing, and

wherein a terminal is disposed on the housing for giving and receiving an electronic signal between the first wiring body,

the second wiring body and the control section.

[Claim 2]

The disk device of Claim 1, wherein the first wiring body has a connecting portion for being electrically connected to the second wiring body, and

the second wiring body has an electrically conductive portion for being electrically connected to the connecting portion of the first wiring body, at its end portion, and

a pressing portion, which presses in a direction of having the connecting portion of the first wiring body accessed to the electrically conductive portion of the second wiring body, is provided, and

the connecting portion of the first wiring body and the electrically conductive portion of the second wiring body are brought into contact, by pressing of the pressing portion, and the first wiring body and the second wiring body are connected electrically.

[Claim 3]

The disk device of Claim 1, wherein the first wiring body has an amplification circuit of a signal which is outputted from the head portion.

[Claim 4]

The disk device of Claim 2, wherein width W_1 and width W_2 are different in such a portion that the connecting portion of the first wiring body and the electrically conductive portion

of the second wiring body contact.

[Claim 5]

The disk device of Claim 4, wherein width W_1 of the connecting portion and width W_2 of the electrically conductive portion have a relation of

$$W_1 < W_2.$$

[Claim 6]

The disk device of Claim 2, wherein gold plating is formed on surfaces of the connecting portion and the electrically conductive portion, respectively, at portions where the connecting portion of the first wiring body and the electrically conductive portion of the second wiring body contact with each other.

[Claim 7]

The disk device of Claim 2, wherein the pressing portion is formed by an elastic material, and has a plurality of bifurcated front edge portions, and the front edge portion presses the connecting portion of the first wiring body.

[Claim 8]

The disk device of Claim 7, wherein the front edge portion of the pressing portion is of such a shape that a cross sectional area of a portion of a front edge is made smaller than a cross sectional area of a portion of a root.

[Claim 9]

The disk device of Claim 2, wherein the pressing portion

has a base material portion using a flat member, a plurality of bifurcation portions which are disposed on the base material portion, and elastic portions at portions of front edges of the respective plural bifurcation portions.

[Claim 10]

The disk device of Claim 9, wherein each of the plural bifurcation portions of the pressing portion is of such a shape that a cross sectional area of a portion of a front edge is made smaller than a cross sectional area of a portion of a root.

[Claim 11]

The disk device of Claim 2, wherein the first wiring body is folded and thereby, the pressing portion is sandwiched.

[Claim 12]

The disk device of Claim 1, wherein the terminal portion is disposed on the first wiring body, and

a wiring from the second wiring body and a wiring from the head portion and the turning portion are formed integrally on the first wiring body.

[Claim 13]

The disk device of Claim 12, wherein a ground line portion is provided on the first wiring body between the wiring from the second wiring body and the wiring from the head portion and the turning portion.

[Claim 14]

The disk device of Claim 2, wherein the housing is equipped

with a first housing to which the first wiring body and the pressing portion are attached, and a second housing to which the rotating portion and the second wiring body are attached, and

by assembling the first housing and the second housing, the first wiring body and the second wiring body are brought into contact, and the first wiring body is pressed to the second wiring body due to biasing force of the pressing portion, and thereby, the first wiring body and the second wiring body are connected electrically.

[Claim 15]

An electronic equipment comprising the disk device of Claim 1.

[Claim 16]

The electronic equipment of Claim 15, wherein the control section is disposed on the side of the electronic equipment.